

Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 520.43279X00  
Serial No. 10/706,972  
Applicant: YAMASHITA, et al  
Filing Date: November 14, 2003  
Group:



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
<del>US 491 567 A1</del>	6/92	European		
<del>US 7-50104</del>	2/95	Japan		
<del>US 9-304127</del>	11/97	Japan		
<del>US 2000-32732</del>	1/00	Japan		
<del>US WO 00/05849</del>	8/00	PCT/US00/04998		
<del>US 2001-201373</del>	7/01	Japan		
<del>US EP 1 162 767 A2</del>	12/01	European		
<del>US 2002-39810</del>	2/02	Japan		
<del>US 2002-135348</del>	5/02	Japan		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Hien Vo

Date Considered

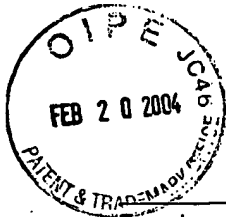
11/24/04

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
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*Duplicated*

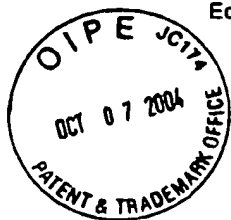
~~7-050104 5/95 Japan~~

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
<i>VXH</i> 5-82890	11/93	Japan		(abstract)
<i>VXH</i> 8-082535	3/96	Japan		(abstract)

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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*10/24/04*

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Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.

## Information for IDS

### I. Prior application:

#### (i) United States Patent Application

No

#### (ii) Others

No

### II. Prior Art:

#### (i) articles

1. \* <http://www.mita.sd.keio.ac.jp/papers/index.html> (download date: 2002.08.01; Proc. Second International Workshop on Structural Health Monitoring, 1999, pp. 56 to 67 corresponds to the content of the URL)  
\* cited in the specification on page 5
2. \* Nikkei Electronics, Jul. 17, 2002, pp. 37  
\* cited in the specification on page 5
3. \* IEEE Computer July 2000, pp. 42 to 48  
\* cited in the specification on page 5
4. \* IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION SYSTEMS, VOL. 9, NO. 1, FEBRUARY 2001, pp. 64 to 75  
\* cited in the specification on page 5
5. \* <http://www.mita.sd.keio.ac.jp/papers/index.html> (download date: 2002.08.01)  
(Nikkei Electronics Mar. 11, 2002, pp. 55 to 66 is corresponding to the URL)  
\* cited in the specification on page 5
6. "Illustrated concrete" published by Ohm, pp. 95 to 111  
\* cited in the specification on page 5
7. 99' annual report published by Power Central Research Institute, pp. 92 to 93  
\* cited in the specification on page 5
8. <http://www.tuat.ac.jp/~masa/study-j.html>  
\* cited in the specification on page 5

#### (ii) U. S. P.

No

#### (iii) Japanese Patent Application

1. \* Japanese published unexamined patent application No. 2002-38723  
\* cited in the specification on page 4
2. \* Japanese published unexamined patent application No. Hei11-121766  
\* cited in the specification on page 2

3. \* Japanese published unexamined patent application No.  
2001-99734

\* cited in the specification on page 4

**(iv) European Patent Application**

No

**(v) International Patent Application**

No